

Claims

1. A dc motor fuel pump that pressurizes and outputs fuel at a pump section fixed to a yoke of a motor section accompanied by drive of a dc motor of mentioned motor section; the dc motor
5 fuel pump being characterized in that said yoke comprises a first tubular yoke provided with a ring-shaped magnet of rare earths on an inner circumference and a second tubular yoke provided on an outer circumference of said first tubular yoke at a position conforming to said magnet.

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2. The dc motor fuel pump according to claim 1, wherein said magnet is formed by injection molding, and a gate portion thereof is formed at an end face of said magnet.

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3. The dc motor fuel pump according to claim 1, wherein said magnet is provided with a convex portion or a concave portion at an end face thereof, and said convex portion or concave portion engages with a concave portion or a convex portion of the other member fixed to said yoke.

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4. The dc motor fuel pump according to claim 3, wherein the convex portion of said magnet is a gate portion for the injection molding.

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5. The dc motor fuel pump according to claim 1, wherein at least one end face of said first tubular yoke and said magnet is on the same plane.

6. The dc motor fuel pump according to claim 1, wherein
30 an axial length of said first tubular yoke is substantially

equal to an axial length of said magnet.

7. The dc motor fuel pump according to claim 1, wherein
said magnet is formed by injection molding, and said first
5 tubular yoke is 3 mm in thickness.